23
ABSTRACT

SECURE NETWORK COMMUNICATION

5   A method for a service provider (60) on a private network to provide a service for an
external client (10) on an external network via a gateway (13) bridging the private and
external networks, including the service provider carrying out the steps of allocating a
virtual name to the service provider, making the virtual name available to a client (10)
on the external network, binding the virtual name to the routing address of the gateway
10   (60) on the external network and binding the virtual name to the routing address of the
service provider (60) on the private network. The method finds particular application to
network arrangements in which there is end-to-end security between the client (10) and
the service provider (60) by providing a virtual name used globally for all routing so
obviating the need for remapping of message addressed by the gateway (13).
15

20
                                                        (Figure 5)